

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kalyan P. Gokhale et al.  
Assignee : ABB Inc. and ABB Oy  
Serial No.: 10/635,313 Art Unit: 3729  
Filed: August 6, 2003 Confirmation No.: 8091  
Title: Low Harmonic Rectifier Circuit  
Examiner: Paul D. Kim Docket No.: E20020180-D1

ASSOCIATE POWER OF ATTORNEY

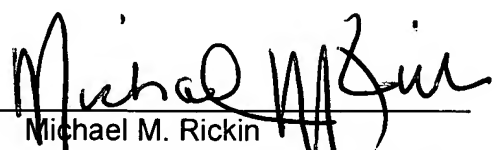
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Please recognize Paul R. Katterle, Registration No. 36,563 of ABB Inc., as  
associate attorney in the above-identified application.

Respectfully submitted,

ABB Inc.

By:   
Michael M. Rickin  
Attorney of Record for Applicant  
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May 24, 2004

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